What is claimed is:

1. A rain gutter assembly for collecting surface water runoff from a building roof without clogging of the gutter by leaves and other debris, said rain gutter comprising:

a) a substantially U-shaped, elongated gutter for placement along and adjacent to a sloping roof of a building for collecting rain water runoff from the roof, the gutter including a rear wall that is adapted to abut a substantially vertical building surface adjacent to an edge of the roof, a bottom wall extending substantially perpendicularly from the rear wall, and a front wall extending upwardly from a front edge of the bottom wall, wherein the rear wall, the bottom wall, and the front wall together define a U-shaped channel having an upwardly-facing opening, the front wall having a vertical height that is less than that of the rear wall and including at its uppermost edge an inwardly-extending lip;

b) at least two support brackets positioned within and spaced from each other along the gutter channel and including at least one passageway for receiving a connector for connecting the bracket and gutter to the building surface, the brackets extending across the gutter channel and between and engaging each of the gutter rear wall and the gutter front wall; and

c) a cover overlying the gutter opening and supported by the at least two brackets, wherein the cover includes a plate-like cover body that overlies and is spaced above the gutter opening, a rear wall extending along a rear edge of the cover body and defining a contact surface for contacting the gutter rear wall, and an inturned front wall that defines a curved front surface of the cover body and that terminates at a front edge of the cover body that lies between the gutter front wall and the gutter rear

wall, wherein the front edge of the cover body is secured to the at least two brackets, and wherein the cover body rear wall and gutter rear wall are adapted to be jointly secured to the building surface.

2. A rain gutter in accordance with claim 1, wherein the gutter rear wall has an uppermost end that is folded over to define a slot that receives the cover rear wall.

3. A rain gutter in accordance with claim 1, wherein the gutter front wall includes a reentrant flange extending toward the front wall.

4. A rain gutter in accordance with claim 3, wherein the reentrant flange engages front ends of each of the brackets.

5. A rain gutter in accordance with claim 4, wherein the bracket front ends include a reentrant flange that extends in an opposite direction to that of the gutter front wall reentrant flange to support the gutter front wall in a vertical direction.

6. A rain gutter in accordance with claim 1, wherein the brackets include a support surface for engagement with an inwardly-facing surface of the cover body.

7. A rain gutter in accordance with claim 1, wherein the front surface of the cover body is spaced from the gutter front wall to define a gap therebetween into which water can flow from the cover upper surface into the gutter channel.

8. A rain gutter in accordance with claim 7, wherein the gap has an opening of from about ¼ in. to about ½ in.

9. A rain gutter in accordance with claim 1, wherein the front surface of the cover body overlies the gutter lip to block leaves and debris from entering the gutter channel.

10. A rain gutter in accordance with claim 1, wherein the brackets comprise:

a) a substantially L-shaped body including a first leg adapted to be oriented substantially vertically when the bracket is installed in a gutter, and a second leg adapted to be oriented substantially horizontally when the bracket is installed in a gutter, the first leg including a mounting surface adapted to contact a rear wall of a gutter;

b) at least one first bore extending through the first leg toward the mounting surface and generally aligned with the second leg for receiving a bracket fastener for securing the bracket to a substantially vertical building surface adjacent to a roof edge;

c) at least one second bore extending into the second leg for receiving a cover fastener for securing a front edge of the gutter cover to the bracket;

d) engagement means carried by the second leg for engaging and supporting a front wall portion of a gutter; and

e) support means carried by the first leg for engaging a rear portion of the gutter cover.

11. A rain gutter in accordance with claim 10, wherein the first leg includes at least two first bores.

12. A rain gutter in accordance with claim 10, wherein the second bore is a blind bore.

13. A rain gutter in accordance with claim 10, wherein the engagement means is a hook member that is adapted to engage a reentrant lip carried at an upper front edge of a gutter.

14. A rain gutter in accordance with claim 10, wherein the support means is a surface inclined in a downward direction from a plane defined by the mounting surface and extending toward the gutter front wall engagement means.

15. A rain gutter in accordance with claim 14, wherein the support means is inclined at an inclination angle of from about 85° to about 60° relative to the mounting surface.

16. A rain gutter in accordance with claim 14, wherein the support means is inclined relative to the mounting surface at an inclination angle of about 75°.

17. A rain gutter in accordance with claim 10, including a stop surface carried by the second leg for abutment with and positioning relative to the bracket of a front edge of a gutter cover.

18. A rain gutter in accordance with claim 17, wherein the stop surface is positioned below an opening of the at least one second bore.

19. A rain gutter in accordance with claim 10, including at least one aperture in the bracket body for receiving a fastener for fastening an end cap relative to the bracket.

20. A rain gutter in accordance with claim 19, wherein the at least one bracket body aperture is positioned in the first leg.

21. A rain gutter in accordance with claim 19, wherein the at least one bracket body aperture is positioned in the second leg.

22. A rain gutter in accordance with claim 19, wherein at least one bracket body aperture is positioned in the first leg, and at least one bracket body aperture is positioned in the second leg.

23. A rain gutter in accordance with claim 1, including a gutter end cap comprising:

a) an end panel having an inner surface and an outer surface and including a perimeter having a predetermined shape;

b) first connection means carried by the end panel for connecting the end cap with an end of a gutter; and

c) second connection means carried by the end panel for connecting the end cap with a support bracket carried within the gutter.

24. A rain gutter in accordance with claim 23, wherein the first connection means includes an outer peripheral wall extending laterally outwardly from the inner face of the end panel and an inner peripheral wall extending laterally outwardly from the inner face of the end panel and positioned inwardly of the outer peripheral wall to define therebetween a connection slot for connecting the end cap with and end of a gutter.

25. A rain gutter in accordance with claim 24, wherein the outer peripheral wall defines an end cap top wall, an end cap rear wall, an end cap bottom wall, and an end cap front wall.

26. A rain gutter in accordance with claim 25, wherein the outer peripheral wall is substantially continuous.

27. A rain gutter in accordance with claim 26, wherein the outer peripheral wall and the inner peripheral wall are substantially perpendicular to the end panel inner surface.

28. A rain gutter in accordance with claim 27, wherein the inner peripheral wall extends laterally outwardly from the end panel inner surface a greater distance than the outer peripheral wall

29. A rain gutter in accordance with claim 26, wherein the outer peripheral wall includes a gap between the end cap top wall and the end cap rear wall to receive a gutter rear wall panel portion.

30. A rain gutter in accordance with claim 25, wherein the inner peripheral wall extends substantially along and parallel to the end cap front wall, the end cap bottom wall, and the end cap rear wall.

31. A rain gutter in accordance with claim 30, wherein the inner peripheral wall extends along the end cap rear wall from a point between the end cap top wall and the end cap bottom wall, along the end cap bottom wall, and along the end cap front wall to a point between the end cap top wall and the end cap bottom wall.

32. A rain gutter in accordance with claim 23, wherein the second connection means includes at least one aperture in the end panel for receiving a connecting member for connection with the support bracket.

33. A rain gutter in accordance with claim 23, wherein the second connection means includes a projection extending outwardly from the end panel inner surface for contacting the support bracket.

34. A rain gutter in accordance with claim 33, wherein the projection includes a passageway for receiving a connecting member that interconnects the end cap with the support bracket.

35. A rain gutter in accordance with claim 33, wherein the projection terminates in a connector engageable with the support bracket.

36. A rain gutter in accordance with claim 1, including a rain gutter end cap comprising: a first, gutter-trough closure region for blocking water flow from a gutter end, and a second, above-trough closure region for blocking entry of debris between a gutter and an overlying cover panel.